

10/52207-*tg*

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November 22, 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Darrell Sleep
 Application No. 10/522,074 ✓
 U.S. National Stage of PCT
 Application No. PCT/GB03/03273
 Filed July 23, 2003

Examiner: N/A
 Group Art Unit: N/A
 Confirmation No. 7594

GENE AND POLYPEPTIDE SEQUENCES

(Atty. Docket No. P30,358 USA)

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail, postage prepaid, in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 22, 2005.

Barbara G. Makariou
 Barbara G. Makariou

Mail Stop Missing Parts
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Reply to Notification of Defective Response dated October 24, 2005

Sir:

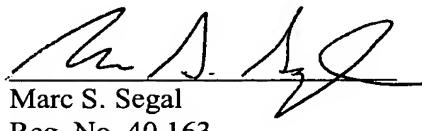
In response to the Notification of Defective Response, dated October 24, 2005,
 enclosed herewith for filing are the following documents:

- (A) Substitute sequence listing in written form;
- (B) Supplemental preliminary amendment incorporating sequence listing
 into the specification;

- (C) Substitute sequence listing in computer readable form (diskette);
- (D) Statement of Certification of Sequence Listing pursuant to 37 C.F.R.
§§1.821(f) and 1.825(a);
- (E) A copy of the Notification of Defective Response; and
- (F) A copy of this Reply.

Please charge any deficiency or credit any overpayment to Deposit Account No. 19-5425.

Respectfully submitted,



Marc S. Segal
Reg. No. 40,163

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Philadelphia, PA 19107-2950
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M:\MSegal\Clients\Eric Potter Clarkson\30,358 USA\ResponseToNotificationofDefectiveResponse.doc



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
www.uspto.gov

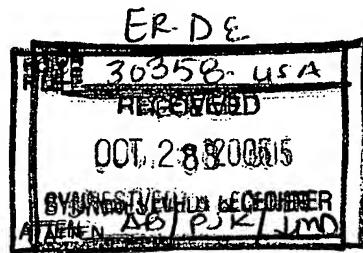
U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/522,074	Darrell Sleep	P30,358USA
INTERNATIONAL APPLICATION NO.		
PCT/GB03/03273		
I.A. FILING DATE	PRIORITY DATE	
07/23/2003	07/23/2002	
CONFIRMATION NO. 7594		
371 FORMALITIES LETTER		
 OC000000017288272		

Date Mailed: 10/24/2005

NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495)

- Priority Document
- Copy of the International Application filed on 01/21/2005
- Copy of the International Search Report filed on 01/21/2005
- Preliminary Amendments filed on 01/21/2005
- Information Disclosure Statements filed on 07/08/2005
- Biochemical Sequence Diskette filed on 07/08/2005
- Oath or Declaration filed on 07/08/2005
- Biochemical Sequence Listing filed on 07/08/2005
- Request for Immediate Examination filed on 01/21/2005
- U.S. Basic National Fees filed on 01/21/2005
- Priority Documents filed on 01/21/2005
- Power of Attorney filed on 07/08/2005
- Specification filed on 07/08/2005
- Claims filed on 07/08/2005
- Abstracts filed on 07/08/2005
- Drawings filed on 07/08/2005



Applicant's response filed 07/08/2005 is hereby acknowledged. The following requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS mailed 05/06/2005 have not been completed.

- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

COPY

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

PAULETTE R KIDWELL

Telephone: (703) 308-9140 EXT 216

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/522,074	PCT/GB03/03273	P30,358USA

FORM PCT/DO/EO/916 (371 Formalities Notice)

STIC Biotechnology Systems Branch

**RAW SEQUENCE LISTING
ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/522,074
Source: Pat/10
Date Processed by STIC: 8/22/05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05

BEST AVAILABLE COPY

Raw Sequence Listing Error Summary

ERROR DETECTED
SUGGESTED CORRECTION

 SERIAL NUMBER: 10/522,074

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleic
Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping".
- 2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 Misaligned Amino
Numbering The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length Sequence(s) _____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0
"bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 Skipped Sequences
(OLD RULES) Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 Skipped Sequences
(NEW RULES) Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence.
<210> sequence id number
<400> sequence id number
000
- 9 Use of n's or Xaa's
(NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 Invalid <213>
Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 Use of <220>
→ Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses.
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0
"bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n/Xaa "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid



PCT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/522,074

DATE: 08/22/2005
TIME: 17:07:34

Input Set : A:\10-522,074 SEQLIST 20050630.txt
Output Set: N:\CRF4\08222005\J522074.raw

3 <110> APPLICANT: Delta Biotechnology Limited
 4 Darrell Sleep
 6 <120> TITLE OF INVENTION: Gene and Polypeptide Sequences
 8 <130> FILE REFERENCE: P30,358 USA
 10 <140> CURRENT APPLICATION NUMBER: 10/522,074
 C--> 11 <141> CURRENT FILING DATE: 2005-01-21
 13 <150> PRIOR APPLICATION NUMBER: PCT/GB2003/003273
 14 <151> PRIOR FILING DATE: 2003-07-23
 16 <150> PRIOR APPLICATION NUMBER: GB 0217033.0
 17 <151> PRIOR FILING DATE: 2002-07-23
 19 <160> NUMBER OF SEQ ID NOS: 40
 21 <170> SOFTWARE: SeqWin99
 23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 5
 25 <212> TYPE: PRT
 26 <213> ORGANISM: Artificial Sequence
 28 <220> FEATURE:
 29 <223> OTHER INFORMATION: Leader sequence
 31 <220> FEATURE:
 32 <221> NAME/KEY: MISC_FEATURE
 33 <222> LOCATION: 1
 34 <223> OTHER INFORMATION: CAN BE EITHER Phe OR Trp OR Tyr
 36 <220> FEATURE:
 37 <221> NAME/KEY: MISC_FEATURE
 38 <222> LOCATION: 2
 39 <223> OTHER INFORMATION: CAN BE EITHER Ile OR Leu OR Val OR Ala OR Met
 41 <220> FEATURE:
 42 <221> NAME/KEY: MISC_FEATURE
 43 <222> LOCATION: 3
 44 <223> OTHER INFORMATION: CAN BE EITHER Leu OR Val OR Ala OR Met
 46 <220> FEATURE:
 47 <221> NAME/KEY: MISC_FEATURE
 48 <222> LOCATION: 4
 49 <223> OTHER INFORMATION: CAN BE EITHER Ser OR Thr
 51 <220> FEATURE:
 52 <221> NAME/KEY: MISC_FEATURE
 53 <222> LOCATION: 5
 54 <223> OTHER INFORMATION: CAN BE EITHER Ile OR Val OR Ala OR Met
 56 <400> SEQUENCE: 1
 57 Phe Ile Leu Ser Ile
 58 1 5
 60 <210> SEQ ID NO: 2
 61 <211> LENGTH: 5

JN 1-6
 Cross Not Comply
 associated Diskette Needs
 What is the source of genetic material?
 (see item 11
 on Error
 Summary
 Sheet)

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/522,074

DATE: 08/22/2005
TIME: 17:07:34

Input Set : A:\10-522,074 SEQLIST 20050630.txt
Output Set: N:\CRF4\08222005\J522074.raw

62 <212> TYPE: PRT
63 <213> ORGANISM: Artificial Sequence
65 <220> FEATURE:
66 <223> OTHER INFORMATION: Leader sequence *some error*
68 <220> FEATURE:
69 <221> NAME/KEY: MISC_FEATURE
70 <222> LOCATION: 2
71 <223> OTHER INFORMATION: CAN BE EITHER Ile OR Leu OR Val OR Ala OR Met
73 <220> FEATURE:
74 <221> NAME/KEY: MISC_FEATURE
75 <222> LOCATION: 3
76 <223> OTHER INFORMATION: CAN BE EITHER Leu OR Val OR Ala OR Met
78 <220> FEATURE:
79 <221> NAME/KEY: MISC_FEATURE
80 <222> LOCATION: 4
81 <223> OTHER INFORMATION: CAN BE EITHER Ser OR Thr
83 <220> FEATURE:
84 <221> NAME/KEY: MISC_FEATURE
85 <222> LOCATION: 5
86 <223> OTHER INFORMATION: CAN BE EITHER Ile OR Val OR Ala OR Met
88 <400> SEQUENCE: 2
89 Phe Ile Leu Ser Ile
90 1 5
92 <210> SEQ ID NO: 3
93 <211> LENGTH: 5
94 <212> TYPE: PRT
95 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: Leader sequence
100 <220> FEATURE:
101 <221> NAME/KEY: MISC_FEATURE
102 <222> LOCATION: 1
103 <223> OTHER INFORMATION: CAN BE EITHER Phe OR Trp OR Tyr
105 <220> FEATURE:
106 <221> NAME/KEY: MISC_FEATURE
107 <222> LOCATION: 3
108 <223> OTHER INFORMATION: CAN BE EITHER Leu OR Val OR Ala OR Met
110 <220> FEATURE:
111 <221> NAME/KEY: MISC_FEATURE
112 <222> LOCATION: 4
113 <223> OTHER INFORMATION: CAN BE EITHER Ser OR Thr
115 <220> FEATURE:
116 <221> NAME/KEY: MISC_FEATURE
117 <222> LOCATION: 5
118 <223> OTHER INFORMATION: CAN BE EITHER Ile OR Val OR Ala OR Met
120 <400> SEQUENCE: 3
121 Phe Ile Leu Ser Ile
122 1 5
124 <210> SEQ ID NO: 4

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/522,074

DATE: 08/22/2005
TIME: 17:07:34

Input Set : A:\10-522,074 SEQLIST 20050630.txt
Output Set: N:\CRF4\08222005\J522074.raw

125 <211> LENGTH: 5
126 <212> TYPE: PRT
127 <213> ORGANISM: Artificial Sequence
129 <220> FEATURE:
130 <223> OTHER INFORMATION: Leader sequence
132 <220> FEATURE:
133 <221> NAME/KEY: MISC_FEATURE
134 <222> LOCATION: 1
135 <223> OTHER INFORMATION: CAN BE EITHER Phe OR Trp OR Tyr
137 <220> FEATURE:
138 <221> NAME/KEY: MISC_FEATURE
139 <222> LOCATION: 2
140 <223> OTHER INFORMATION: CAN BE EITHER Ile OR Leu OR Val OR Ala OR Met
142 <220> FEATURE:
143 <221> NAME/KEY: MISC_FEATURE
144 <222> LOCATION: 4
145 <223> OTHER INFORMATION: CAN BE EITHER Ser OR Thr
147 <220> FEATURE:
148 <221> NAME/KEY: MISC_FEATURE
149 <222> LOCATION: 5
150 <223> OTHER INFORMATION: CAN BE EITHER Ile OR Val OR Ala OR Met
152 <400> SEQUENCE: 4
153 Phe Ile Val Ser Ile
154 1 5
156 <210> SEQ ID NO: 5
157 <211> LENGTH: 5
158 <212> TYPE: PRT
159 <213> ORGANISM: Artificial Sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: Leader sequence
164 <220> FEATURE:
165 <221> NAME/KEY: MISC_FEATURE
166 <222> LOCATION: 1
167 <223> OTHER INFORMATION: CAN BE EITHER Phe OR Trp OR Tyr
169 <220> FEATURE:
170 <221> NAME/KEY: MISC_FEATURE
171 <222> LOCATION: 2
172 <223> OTHER INFORMATION: CAN BE EITHER Ile OR Leu OR Val OR Ala OR Met
174 <220> FEATURE:
175 <221> NAME/KEY: MISC_FEATURE
176 <222> LOCATION: 3
177 <223> OTHER INFORMATION: CAN BE EITHER Leu OR Val OR Ala OR Met
179 <220> FEATURE:
180 <221> NAME/KEY: MISC_FEATURE
181 <222> LOCATION: 5
182 <223> OTHER INFORMATION: CAN BE EITHER Ile Val OR Ala OR Met
184 <400> SEQUENCE: 5
185 Phe Ile Leu Ser Ile
186 1 5

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/522,074

DATE: 08/22/2005
TIME: 17:07:34

Input Set : A:\10-522,074 SEQLIST 20050630.txt
Output Set: N:\CRF4\08222005\J522074.raw

188 <210> SEQ ID NO: 6
189 <211> LENGTH: 5
190 <212> TYPE: PRT
191 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: Leader sequence
196 <220> FEATURE:
197 <221> NAME/KEY: MISC_FEATURE
198 <222> LOCATION: 1
199 <223> OTHER INFORMATION: CAN BE EITHER Phe OR Trp OR Tyr
201 <220> FEATURE:
202 <221> NAME/KEY: MISC_FEATURE
203 <222> LOCATION: 2
204 <223> OTHER INFORMATION: CAN BE EITHER Ile OR Leu OR Val OR Ala OR Met
206 <220> FEATURE:
207 <221> NAME/KEY: MISC_FEATURE
208 <222> LOCATION: 3
209 <223> OTHER INFORMATION: CAN BE EITHER Leu OR Val OR Ala OR Met
211 <220> FEATURE:
212 <221> NAME/KEY: MISC_FEATURE
213 <222> LOCATION: 4
214 <223> OTHER INFORMATION: CAN BE EITHER Ser OR Thr
216 <400> SEQUENCE: 6
217 Phe Ile Leu Ser Ile
218 1 5
220 <210> SEQ ID NO: 7
221 <211> LENGTH: 5
222 <212> TYPE: PRT
223 <213> ORGANISM: Artificial Sequence
225 <220> FEATURE:
226 <223> OTHER INFORMATION: Leader sequence
228 <400> SEQUENCE: 7
229 Phe Ile Val Ser Ile
230 1 5
232 <210> SEQ ID NO: 8
233 <211> LENGTH: 4
234 <212> TYPE: PRT
235 <213> ORGANISM: Artificial Sequence
237 <220> FEATURE:
238 <223> OTHER INFORMATION: Leader sequence
240 <400> SEQUENCE: 8
241 Met Lys Trp Val
242 1
244 <210> SEQ ID NO: 9
245 <211> LENGTH: 9
246 <212> TYPE: PRT
247 <213> ORGANISM: Artificial Sequence
249 <220> FEATURE:
250 <223> OTHER INFORMATION: Leader sequence

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/522,074

DATE: 08/22/2005
TIME: 17:07:34

Input Set : A:\10-522,074 SEQLIST 20050630.txt
Output Set: N:\CRF4\08222005\J522074.raw

252 <400> SEQUENCE: 9
 253 Leu Phe Leu Phe Ser Ser Ala Tyr Ser
 254 1 5
 256 <210> SEQ ID NO: 10
 257 <211> LENGTH: 9
 258 <212> TYPE: PRT
 259 <213> ORGANISM: Artificial Sequence
 261 <220> FEATURE:
 262 <223> OTHER INFORMATION: Leader sequence
 264 <220> FEATURE:
 265 <221> NAME/KEY: MISC_FEATURE
 266 <222> LOCATION: 1
 267 <223> OTHER INFORMATION: CAN BE EITHER Ile OR Leu OR Val OR Ala OR Met
 269 <220> FEATURE:
 270 <221> NAME/KEY: MISC_FEATURE
 271 <222> LOCATION: 2
 272 <223> OTHER INFORMATION: CAN BE EITHER Phe OR Trp OR Tyr
 274 <220> FEATURE:
 275 <221> NAME/KEY: MISC_FEATURE
 276 <222> LOCATION: 3
 277 <223> OTHER INFORMATION: CAN BE EITHER Ile OR Leu OR Val OR Ala OR Met
 279 <220> FEATURE:
 280 <221> NAME/KEY: MISC_FEATURE
 281 <222> LOCATION: 4
 282 <223> OTHER INFORMATION: CAN BE EITHER Phe OR Trp OR Tyr
 284 <220> FEATURE:
 285 <221> NAME/KEY: MISC_FEATURE
 286 <222> LOCATION: 5
 287 <223> OTHER INFORMATION: CAN BE EITHER Ser OR Thr OR Gly OR Tyr OR Ala
 289 <220> FEATURE:
 290 <221> NAME/KEY: MISC_FEATURE
 291 <222> LOCATION: 6
 292 <223> OTHER INFORMATION: CAN BE EITHER Ser OR Thr OR Gly OR Tyr OR Ala
 294 <220> FEATURE:
 295 <221> NAME/KEY: MISC_FEATURE
 296 <222> LOCATION: 7
 297 <223> OTHER INFORMATION: CAN BE EITHER Ile OR Leu OR Val OR Ala OR Met
 299 <220> FEATURE:
 300 <221> NAME/KEY: MISC_FEATURE
 301 <222> LOCATION: 8
 302 <223> OTHER INFORMATION: CAN BE EITHER Phe OR Trp OR Tyr
 304 <220> FEATURE:
 305 <221> NAME/KEY: MISC_FEATURE
 306 <222> LOCATION: 9
 307 <223> OTHER INFORMATION: CAN BE EITHER Ser OR Thr OR Gly OR Tyr OR Ala
 309 <400> SEQUENCE: 10
 310 Ile Phe Ile Phe Ser Ser Ile Phe Ser
 311 1 5
 313 <210> SEQ ID NO: 11

global error
The types of errors shown exist throughout
the Sequence Listing. Please check subsequent
sequences for similar errors.

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 08/22/2005
PATENT APPLICATION: US/10/522,074 TIME: 17:07:35

Input Set : A:\10-522,074 SEQLIST 20050630.txt
Output Set: N:\CRF4\08222005\J522074.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:12; Xaa Pos. 5,6,7,8,9
Seq#:13; Xaa Pos. 5,6,7,8,9
Seq#:14; Xaa Pos. 5,6,7,8,9
Seq#:15; N Pos. 12
Seq#:16; N Pos. 9,12
Seq#:31; Xaa Pos. 5,6,7,8,9

VERIFICATION SUMMARY DATE: 08/22/2005
PATENT APPLICATION: US/10/522,074 TIME: 17:07:35

Input Set : A:\10-522,074 SEQLIST 20050630.txt
Output Set: N:\CRF4\08222005\J522074.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:359 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:399 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:439 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:480 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:496 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:915 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0